

Claims

1. A method of detecting leakage in a heat exchanger, particularly a plate heat exchanger, by circulating under pressure a liquid admixed a first tracer on one first
5 side of said heat exchanger, referred to as the donor face, and by circulating a second liquid under no pressure or under a lower pressure on the second side of said heat exchanger, referred to as the recipient face, and by measuring whether said first tracer is detectable on said recipient face, **characterised in that** a second tracer is added to the second liquid on the second side of the heat exchanger in case the first
10 tracer was undetectable on the recipient face, whereafter the pressure is reversed in such a manner that said recipient face is the new donor face and the first donor face is the new recipient face, and that it is measured whether said second tracer is detectable on said new recipient face.
- 15 2. A method according to claim 1, **characterised in that** the first tracer is in form of an electrolyte, one of two different colorants or one or two different fluorescent substances, and the second tracer is in form of one of the former five tracers differing from the first tracer.